

Table S3 - Nucleotide and gene diversity levels observed in *Puma concolor* mtDNA *ND5* sequences, compared to estimates for *Leopardus tigrinus* and *L. geoffroyi* based on a shared 567 bp-long *ND5* fragment.

Species	N	Nucleotide Diversity (\pm SE) per site	Gene Diversity (\pm SE)
<i>Puma concolor</i>	186	0.00547 (0.00029)	0.9200 (0.008)
<i>P. concolor</i> in the Neotropical ecozone	173	0.00523 (0.00034)	0.9130 (0.010)
<i>Leopardus tigrinus</i>	46	0.00310 (0.0004)	0.7590 (0.0450)
<i>L. geoffroyi</i>	32	0.00390 (0.0004)	0.8250 (0.0450)